MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH, 1940

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

MARCH 1940

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	62.6	62.4	62.5	62.5	18.5	10.5	14.7	18.1	13.0	15.3
2	2.7	2.0	59.8	1.5	18.5	10.5	15.8	18.1	14.9	16.3
3	58.2	55.7	7.4	57.1	18.8	11.7	15.9	17.7	15.4	16.3
4	9.3	8.7	9.3	9.1	17.0	10.8	14.8	15.2	13.9	14.6
5	60.2	60.8	61.8	60.9	17.0	9.8	13.6	16.3	13.5	14.5
6	63.0	62.8	64.1	63.3	18.5	10.1	15.2	17.8	13.1	15.4
7	2.2	0.6	58.3	0.4	24.5	10.1	15.8	17.2	16.5	16.5
8	56.9	53.0	9.5	58.5	29.5	14.8	21.0	20.2	15.9	19.0
9	60.3	60.5	61.2	60.7	18.9	12.8	17.2	18.9	16.7	17.6
10	2.1	2.3	2.4	2.3	15.0	9.0	10.2	13.5	11.7	11.8
11	65.0	62.6	63.3	63.6	15.1	9.1	11.9	14.7	13.7	13.4
12	4.2	4.9	5.6	4.9	16.0	8.5	14.1	15.9	14.4	14.8
13	6.1	7.6	7.1	6.9	17.0	13.0	14.3	16.6	11.7	14.2
14	6.2	5.3	5.5	5.7	19.7	8.0	15.9	19.1	16.1	17.0
15	5.1	4.4	4.8	4.8	21.0	11.5	17.4	20.6	16.1	18.0
16	65.3	65.5	65.2	65.3	21.5	11.5	18.6	21.6	16.7	19.0
17	4.8	3.8	2.1	3.6	21.9	12.5	18.1	19.6	15.6	17.8
18	57.2	55.6	53.7	55.2	25.5	12.5	25.2	25.8	16.9	22.6
19	3.6	1.4	1.8	2.3	20.8	12.0	17.8	18.3	16.1	17.4
20	4.8	5.3	7.6	5.9	16.7	10.9	12.1	13.9	14.4	13.5
21	59.3	60.0	60.5	59.9	19.0	12.0	15.6	16.6	14.7	15.6
22	61.1	0.5	59.2	0.3	19.1	9.5	13.9	18.8	14.4	15.7
23	59.5	59.0	9.9	59.5	16.7	10.8	14.4	13.4	12.8	13.5
24	61.7	62.1	62.6	62.1	18.5	9.0	15.4	18.3	14.4	16.0
25	4.0	4.0	5.1	4.4	19.1	11.0	15.2	17.6	15.0	15.9
26	66.8	66.6	65.0	66.1	19.8	11.1	16.7	19.1	14.4	16.7
27	8.9	8.5	8.1	8.5	20.7	11.2	17.8	20.3	15.0	17.7
28	7.8	6.2	6.3	6.8	22.0	12.5	18.6	20.6	15.6	18.3
29	5.9	4.5	4.3	4.9	28.0	15.0	20.6	26.3	20.2	22.4
30	3.9	0.6	0.0	1.5	29.0	18.0	27.4	25.4	25.8	26.2
31	59.0	59.5	59.7	59.4	26.8	22.0	25.8	22.7	21.1	23.2
	762.18	761.67	761.73	761.86	20.33	11.67	16.81	18.65	15.47	16.97

Barometer, range for month 751.4 mm.–768.9 mm.
,, 62-yr. average for month 761.21 mm.
Thermometer, range for month 8.0° C.–29.5° C.
,, 62-yr. average for month 16.21° C.
Rain, total for month 97.5 mm.
,, , 62-yr. average for month 89.15 mm
., . total, from Sept. 1st 887.6 mm.
62-yr. average, total from Sept. 1st 804.67 mm.

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	8.3	8.1	8.8	8.4	67	53	79	66	9.4	244.6	
2	8.4	8.7	7.4	8.2	62	57	58	59	6.1	184.9	
3	9.3	10.9	9.4	9.9	69	73	72	71	0.0	320.8	0.2
4	7.8	8.2	8.1	8.0	62	64	69	65	2.0	640.6	0.2
5	7.6	8.5	8.1	8.2	65	65	69	66	5.6	210.2	10.4
6	8.1	9.8	9.0	9.0	64	65	80	70	8.6	222.4	
7	7.7	8.5	11.7	9.3	58	59	84	67	4.2	118.4	
8	9.9	12.3	11.6	11.3	53	69	87	70	0.3	462.0	
9	9.7	12.7	11.8	11.4	66	78	84	76	0.8	268.4	1.5
10	7.7	7.4	6.6	7.2	84	65	70	73	1.1	294.8	6.6
11	6.2	7.1	6.6	6.6	58	57	58	58	0.3	332.6	
12	8.5	7.4	8.6	8.2	71	54	70	65	7.4	310.6	1.3
13	6.5	7.5	6.6	6.9	54	52	65	57	9.3	194.8	
14	6.7	9.1	6.7	7.5	50	55	49	51	3.2	116.0	
15	6.7	10.0	11.4	9.4	49	55	87	64	5.9	121.0	
16	9.4	10.5	11.1	10.3	60	57	79	65	8.8	208.0	
17	10.4	12.3	11.6	11.4	67	73	89	76	9.2	218.0	
18	8.3	9.3	12.2	9.9	34	41	86	54	9.3	204.0	
19	12.0	11.6	11.5	11.7	83	75	85	81	0.0	360.0	12.7
20	9.1	9.4	10.7	9.7	87	80	87	85	0.2	522.0	48.0
21	10.8	11.0	10.0	10.6	83	78	80	80	0.4	380.0	2.0
22	9.6	9.7	9.3	9.5	81	62	76	73	3.9	308.2	4.9
23	9.3	8.8	9.0	9.0	76	76	82	78	1.0	218.0	4.9
24	8.4	8.4	8.8	8.5	75	53	72	67	8.1	209.8	4.3
25	8.5	6.4	8.5	7.8	66	43	67	59	6.6	112.0	
26	9.8	11.4	9.9	10.4	70	70	81	74	8.9	302.0	0.5
27	11.0	12.0	11.4	11.5	73	68	90	77	9.4	210.6	
28	11.8	13.3	11.8	12.3	74	74	90	79	9.3	120.0	
29	12.3	10.9	12.7	12.0	68	43	72	61	9.4	108.0	
30	10.9	12.9	10.7	11.5	40	54	43	46	4.8	128.0	
31	10.2	13.6	13.8	12.5	41	67	74	58	1.0	304.0	
	9.06	9.94	9.85	9.61	64.9	62.4	75.3	67.5	4.83	256.57	3.15

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
62-year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1s	2nw	3nw	slight	
2	7st	4stci	2cu	4.3	0	2se	0	,,	
3	10cu	10cu	10cu	10.0	3sw	2s	3s	rough	
4	9cu	9cu	9cu	9.0	4s	3sw	3sw	,,	
5	10cu	9cu	4cu	6.0	3w	2sw	1w	mod.	
6	2cu	1cu	1cu	1.3	2s	2sw	1sw	slight	
7	2ci	10st	10st	7.3	1se	1ne	2ne	,,	
8	10cu	10stcu	10cu	10.0	2sw	3s	3s	,,	
9	10cu	10cu	10cu	10.0	3s	1s	2s	,,	
10	10cu	10ni	10cu	10.0	3s	2s	1s	rough	
11	5cu	3cu	2cu	3.3	2nw	3w	3n	rough	
12	10cu	1cu	1cu	4.0	1ne	2n	2n	,,	
13	0	0	0	0.0	2se	2s	2s	slight	
14	5st	8st	8st	7.0	2s	1nw	1w	,,	
15	2cu	4st	10st	5.3	1sw	2s	2s	,,	
16	0	2st	2st	1.3	2nw	2nw	1nw	slight	
17	0	0	0	0.0	1nw	2nw	2nw	,,	
18	0	0	0	0.0	2se	2se	2se	,,	
19	10cu	10cu	10ni	10.0	3sw	3n	2n	,,	
20	10ni	10ni	9cu	9.7	3sw	3sw	3sw	rough	
21	10cu	10ni	10ni	10.0	3sw	2s	3s	slight	
22	10cu	2cu	2cu	4.7	3s	2s	2s	,,	
23	10cu	10cu	10cu	10.0	2w	1sw	2sw	mod.	
24	1cu	8cu	3cu	2.3	2se	2s	2s	,,	
25	2cu	10st	10st	7.3	1s	1nw	2nw	slight	
26	3cu	0	0	1.0	2s	3s	1s	calm	
27	0	0	0	0.0	2nw	2nw	2nw	,,	
28	1st	0	0	0.3	1n	1n	0	slight	
29	0	0	0	0.0	0	1sw	2s	calm	
30	4st	10cu	10cu	8.0	2sw	2se	2se	,,	
31	10cu	10cu	10cu	10.0	2s	3se	3se	slight	
				5.23					

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	1	0	4	10	7	2	4	2	31
14:30	3	1	0	4	10	6	1	6	0	31
20:30	3	1	0	3	11	4	2	5	2	31
Totals	7	3	0	11	31	17	5	15	4	93

Number of days with rain 13, fog 0, thunderstorms 0, gale 0.

62-yr. average number of days with rain during month 10.5